

UNITED STATES GOVERNMENT

memorandum

DATE: July 24, 2003

TO: Project Leaders, West TN NWR Complex, North MS NWR Complex, and St. Catherine Creek NWR

FROM: Refuge Supervisor, Area II, Southeast Region, Atlanta, GA

SUBJECT: Survivability on Environmental Synergy, Inc. Planting Sites

Environmental Synergy, Inc. (ESI) is planning a mid or late fall visit to selected refuge sites planted on behalf of their clients in the planting season 1999/2000 to undertake survivability analyses using a system of test plots they have developed. ESI will undertake these analyses on their planting sites in the fourth year following planting (some time after the end of the third full year in the ground). Results will be reviewed with us and the funding client, and collectively decisions will be made with regard to any replantings.

In order to assign some measure of priority to the site visits, we ask your assistance as follows. Attached is a map or maps reflecting the planted areas on your refuge in those years. Prior to September 12, 2003 we would ask that you visit each of these sites and make a preliminary assessment of survivability. This does not have to be "scientific" in nature, and realizing that weed growth may restrict visibility of the seedlings, we do ask that you make a "best guess" estimate of survival percentage based on the assumption of an original density of 302 seedlings per acre. We are not only interested in an overall average survival rate at any site, but also in local variations within a site. For example, a site of 1000 acres may have 60% survival. It can make an important difference whether these 60% are evenly distributed, or, for example, there are 600 acres with 70%, and 400 acres with 30%.

Please report your findings by e-mail to David Viker by September 12, 2003, and he will forward the information to ESI. If you have any questions, contact Carol Jordan, Environmental Synergy, Inc., at 770-447-4638.

Richard B. Dwyer

ESI PLANTING SUMMARY – 1999/2000 SEASON

I. Illinova

Refuge/Tract	Acres Planted	Completion Date	Nursery
Bayou Cocodrie NWR	759	4/28/00	Bradshaw
Cache River NWR Complex:			
<u>Cache River:</u>		1/1/00	Bradshaw
Walker Cemetery	182		
Davis Tract	47		
Dixie Tract	19		
(Extra)	9		
<u>Bald Knob:</u>		4/6/00	Bradshaw
Cemetery Field	67		
Indian Mound Field	74		
Railroad Track Field	123		
Highly Field	138		
New Road	8		
Split Field North	61		
Split Field South	103		
Liberty Valley	548		
217 Field	200		
Between Field	48		
Liberty Valley	25		
	1,652		
Catahoula NWR	190	3/28/00	Holland-Mophett
Cypress Creek NWR [hold - Region 3]	339	4/27/00	Bradshaw
Felsenthal NWR Complex: Oakwood NWR	485	3/22/00	Bradshaw
Holla Bend NWR	399	3/29/00	Bradshaw
North Louisiana Refuges Complex:			
<u>Upper Ouachita NWR</u>			Bradshaw
Mollicy Unit	3,595	3/22/00	
<u>Creasy FSA Tract</u>	339	3/27/00	
	3,934		
Reelfoot NWR Complex:		3/24/00	Ms. Delta Reforesters
Chickasaw NWR	221		
Lower Hatchie NWR	174		
	395		

St. Catherine Creek NWR *[see additional end of page 2]	5,046	3/30/00	Bradshaw
Tensas River NWR Greenlea Tract Ogden Tract Chapman Tract Hebert Tract	351 150 37 <u>132</u> 670	3/22/00 3/21/00 3/22/00 3/27/00	Holland-Mophett
Yazoo NWR Complex: <u>Hillside:</u> Tribble/Carter (PY'98/'99) Tribble/Carter Other (Turkey Point) <u>Panther Swamp:</u> Brown Tract	1,003 149 73 <u>76</u> 1,301	4/5/99 2/5/00 2/10/00 2/27/00	Ms. Delta Reforesters

MS Wetlands Mgt. District			
North MS Refuges-			
<u>FmHA Tracts:</u>	23	3/28/00	Fratesi
Balducci Tract	69	3/23/00	Fratesi
Bass Tract	278	3/22/00	Fratesi
Bass Tract	170	3/22/00	Holland-Mophett
Bowling Tract	108	3/14/00	Fratesi
Butler	40	3/30/00	Fratesi
Carmicle	476	2/29/00	Bradshaw
Goss	50	4/1/00	Fratesi
Hester	103	1/27/00	Fratesi
Kolle	205	3/1/00	Ms. Delta
Lindsey	165	3/23/00	Holland-Mophett
Lindsey	40	3/26/00	Holland-Mophett
Lindsey	335	3/8/00	Fratesi
Mabus	80	3/10/00	Fratesi
Mackey	79	3/26/00	Holland-Mophett
McClure	245	3/13/00	Holland-Mophett
Pennington 360	40	3/26/00	Holland-Mophett
Powell Tract	50	3/29/00	Fratesi
Ray Tract	58	3/15/00	Fratesi
Savage	105	3/9/00	Holland-Mophett
Starr 350	348	3/7/00	Holland-Mophett
Starr 750	21	3/24/00	Holland-Mophett
Staten	229	3/3/00	Holland-Mophett
Trainor	42	3/10/00	Holland-Mophett
Walker	297	3/23/00	Holland-Mophett
Watts	184	3/21/00	Holland-Mophett
Whaley	699	2/2/00	Fratesi
Wilkins	162	2/24/00	Ms. Delta
<u>Dahomey NWR</u>			
<u>Tallahatchie NWR</u>	226	2/26/00	Ms. Delta
-Bear Lake Unit	332	3/2/00	Fratesi
-Bear Lake Unit	201	3/27/00	Holland-Mophett
-Bear Lake Unit	428	3/1/00	Holland-Mophett
-Black Bayou Unit	5,889		
TOTAL ILLINOVA	21,059		

ADDITIONAL PLANTINGS PAID by ESI 1999/2000:

<u>Yazoo NWR Complex:</u>	-Hillside/Tribble Carter	313	04/99
ESI plantings	-Panther Swamp	669	03/99
		982	
St. Catherine Creek (originally ESI; transferred '01):		1,729	03/00
-322 ac-transfer to Utilitree for '01 reporting			
-1,407 ac-transfer to Illinova for '01 reporting			
Bayou Sauvage (originally ESI; transferred '01)		42.7	04/00
- transfer to Illinova for '01 reporting			